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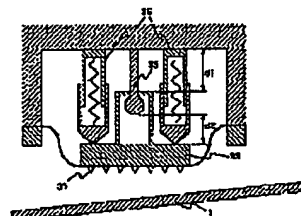
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(54) PROBE EQUIPMENT

(57)Abstract:

PROBLEM TO BE SOLVED: To enable excellently following a probe forming surface even when the total pressing load is increased in order to collectively and simultaneously inspect a large region, by arranging pressing mechanism constituted of a plurality of springs and a function which bears reaction to pressing and cancels the effect after contact with a wafer, in the part directly above.

SOLUTION: It is explained about the state that a wafer 1 has not been in contact with a probe 31. The wafer 1 is obliged to be slantingly mounted on a probe equipment. In the probe equipment, a reaction bearing mechanism 36 prevents the drop of a pressing board 33, against the force that spring mechanism 35 presses the pressing board 33 downward. By this relation, the pressing board 33 is stabilized, and tension is not applied to a thin film. It is necessary that the reaction bearing mechanism 36 has at least probe 31 pushing-up amount of the wafer 1, i.e., operational margin d1, d2 which are larger than or equal to stroke amount. After the wafer 1 is brought into contact with the probe 31, inconvenience is not generated since mechanism for cancelling the effect of bearing is arranged.

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